



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5580-1

Job Sheet 200191



Part No: D5580-1

Job Qty: 4 pcs

Part Name: Shim, Cable Cutter



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/9/19

Job Tracking No:

Due Date: 10/21/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: Dwg. D5580 Rev.A IPP Rev.A New issue 18/03/06 verified by:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Waterjet - Flow - 1	4 pcs	10/21/19	10/21/19	0.17	0.33	Waterjet - Flow	JRB 11/25/19
110	QC 2	4 pcs	10/21/19	10/21/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	

PRIORITY

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartero.com
www.dartaerospace.com



Container No: S234757



Part: D5580-1

Job No: 200191

Serial No/Batch: S234757

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/25/19

120 QC 8	4 pcs	10/21/19	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	JRB 11/25/19
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	NOV 25 2019 68
				QC 8 - 67	9-89
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130 Outsource - 4 - Anodize	4 pcs	10/21/19		ATG001-VC	7 JRB 2019-11-27
140 Packaging 2-1 - Receive - B4B	4 pcs	10/21/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DEC 05 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	

				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
160 QC 6	4 pcs	10/21/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	DEC 06 2019 40
				QC 6 - 81	9-89
170 Packaging 3-1 - Stock - B4B	4 pcs	10/21/19	0.00 0.00	Packaging 3 - 1 - B4B	
	12 Pcs			Packaging 3 - 2 - B4B	
	Oscar			Packaging 3 - 3 - B4B	✓ CCK 132
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
180 QC 21 - SA	4 pcs	10/21/19	0.00 0.00	QC 21 - SA - 21	✓ CCK 132
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21
Part Op 100 - 1-Cut as per Dwg Dwg Rev: <u>A</u> Prog Rev: <u>A</u> 2-Deburr if necessary				DEC 06 2019	
Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB					
120 - QC8- Inspect parts - second check					
130 - Issue P/O: <u>45230</u> 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5580 2- Prime Grey as per Dwg. Certification of Conformity is required.					
140 - (Receive & Inspect for Damage & Mat'l Certs), Certification of Conformity is required.					
160 - (QC6- All purchased or subcontracted products)					
170 - Identify as per dwg & Stock Location:					
180 - QC21- Final Inspection - Work Order Release					

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.050	2024-T3 .050 Sheet	.0960 sf (.024 ea)	100-Waterjet - Flow - 1	SIG 1934
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M2024T3S.050	0	46	0
Part Specifications				
Specifications could not be found.				

Plex 9/9/19 10:05 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045230**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045230

PO Date: 11/27/19

Due Date: 12/13/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-12-05

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203274	646.3810	646.3800 Rev A	Bracket : Various STC's Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/6/19	20 pcs	0 pcs	20 pcs	\$7.72/pcs	\$154.40
Line Item Note Need by Dec 6												
2	203276	646.3813	646.3800 Rev A	AS350 Strut Bracket : Various STC's Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	12/13/19	20 pcs	0 pcs	20 pcs	\$7.27/pcs	\$145.40



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PURCHASE ORDER POHB045230



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	202758	D5589-2	D5589 Rev B	Gusset, Outboard RH : Various STC's Issue P/O: _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. QSI005 4.2.1.3.2 Certification of Conformity is required.	Firmed	-	12/13/19	8 pcs	0 pcs	8 pcs	\$7.27/pcs	\$58.16
4	203255	647.2011	647.2000 Rev N/C	Lower Strut : Various STC's Issue P/O: _____ ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL- A-8625 TYPE III, CLASS 2, COLOUR BLACK PRIME IAW MIL- P-23377J TYPE I CLASS N	Firmed	-	12/6/19	4 pcs	0 pcs	4 pcs	\$14.57/pcs	\$58.28
Line Item Note Need by Dec 6												
5	200191	D5580-1	D5580 Rev A	Shim, Cable Cutter : Various STC's Issue P/O: _____ 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5580 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/2/19	12 pcs	0 pcs	12 pcs	\$7.02/pcs	\$84.24
Line Item Note ***RUSH*** Need by Dec 2nd												
6	203272	646.3716	646.3700 Rev A	Gauge Bracket : Various STC's Issue P/O to ATG : _____ As per drawing 646.3700 RevA: - Hard Anodize MIL-A-8625 Type III, Class 2, Colour Black - Cardinal 4860-50 Pretreatment Prime - Prime IAW MIL-P-23377 J Type I Class N	Firmed	-	12/13/19	25 pcs	0 pcs	25 pcs	\$7.32/pcs	\$183.00
7	202884	647.4114	647.4100 Rev N/C	Shim : Various STC's Issue P/O _____ ATG, black anodize and prime as per dwg 647.4114 Rev. N/C	Firmed	-	12/13/19	18 pcs	0 pcs	18 pcs	\$7.42/pcs	\$133.56
Grand Total:												\$817.04

Guerrin



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Hawkesbury, ON
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PURCHASE ORDER
POHB045230



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/5/19 8:51 AM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919123

Date: 04-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
84 ea	Part: D5589-2 Gusset, Outboard RH Hard Black Anodize per MIL-A-8625F, Type II, Class2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Batch/Lot#: 5171337 Job: 26526 PO: POHB045230	Rev: B	Expiry Date: 11-01-2020 Line: 3
12 ea	Part: D5580-1 Shim, Cable Cutter Anodize per MIL-A-8625F, Type II, Class2, Black, .0004-.0010" (4 - 1 mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied) Batch/Lot#: 5171337 Job: 26528 PO: POHB045230	Rev: A	Expiry Date: 11-01-2020 Line: 5
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>DEC 04 2019</u> Certified Signature: <u>/</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be Made in Canada.			

RECEIVED
DEC 04 2019
DART AEROSPACE LTD.
DAS 40 8-89



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919123

Date: 04-Dec-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	inspected within 24 hours of receipt.		
Made in Canada.			